

**DISK DRIVE HAVING ELECTRICALLY PARALLEL ACTUATOR COILS FOR
SELECTIVELY BOOSTING ACTUATOR TORQUE**

ABSTRACT

[00048] A disk drive includes a disk, a voltage supply, a head stack assembly and a switching circuit. The head stack may include a coil portion that includes a coil assembly having first and second wound coils. The switching circuit is electrically coupled to the voltage supply and to the coil assembly, and is configured to selectively switch the first and second wound coils between a first configuration and a second different configuration in which the first wound coil is electrically in parallel with the second wound coil.